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Title: Derivatives of Pyrimido [6,1-] Isoquinolin-4-One

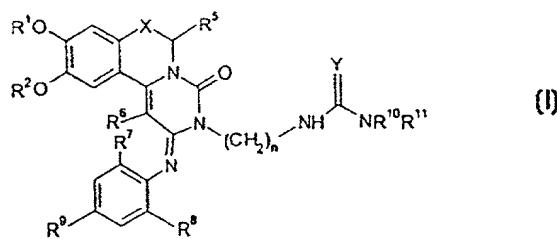
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## ABSTRACT

The invention provides compounds or salts thereof of the general formula (I):



wherein each of  $\text{R}^1$  and  $\text{R}^2$  independently represents a  $\text{C}_{1-6}$  alkyl or  $\text{C}_{2-7}$  acyl group;  $\text{X}$  represents  $\text{OCH}_2$  or a group  $\text{CR}^3\text{R}^4$ ; wherein each of  $\text{R}^3$  or  $\text{R}^4$  independently represents a hydrogen atom or a  $\text{C}_{1-3}$  alkyl group;  $\text{R}^5$  represents a hydrogen atom or a  $\text{C}_{1-3}$  alkyl,  $\text{C}_{2-3}$  alkenyl or  $\text{C}_{2-3}$  alkynyl group;  $\text{R}^6$  represents a hydrogen atom or a  $\text{C}_{1-6}$  alkyl,  $\text{C}_{2-6}$  alkenyl,  $\text{C}_{2-6}$  alkynyl, amino,  $\text{C}_{1-6}$  alkylamino, di( $\text{C}_{1-6}$ ) alkylamino or  $\text{C}_{2-7}$  acylamino group; each of  $\text{R}^7$  and  $\text{R}^8$  independently represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl,  $\text{C}_{1-6}$  alkyl,  $\text{C}_{2-6}$  alkenyl,  $\text{C}_{2-6}$  alkynyl,  $\text{C}_{2-7}$  acyl,  $\text{C}_{1-6}$  alkylthio,  $\text{C}_{1-6}$  alkoxy,  $\text{C}_{3-6}$  cycloalkyl; and  $\text{R}^9$  represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl,  $\text{C}_{1-6}$  alkyl,  $\text{C}_{2-6}$  alkenyl,  $\text{C}_{2-6}$  alkynyl,  $\text{C}_{2-7}$  acyl,  $\text{C}_{1-6}$  alkylthio,  $\text{C}_{1-6}$  alkoxy or  $\text{C}_{3-6}$  cycloalkyl group. The compounds or salts thereof are useful for treatment of respiratory disorders such as asthma. Compounds of the invention have a longer duration of action than the known compound trequinsin (9,10-dimethoxy-3-methyl-2-mesitylimino-2,3,6,7-tetrahydro-4H-pyrimido[6,1-a]isoquinolin-4-one).